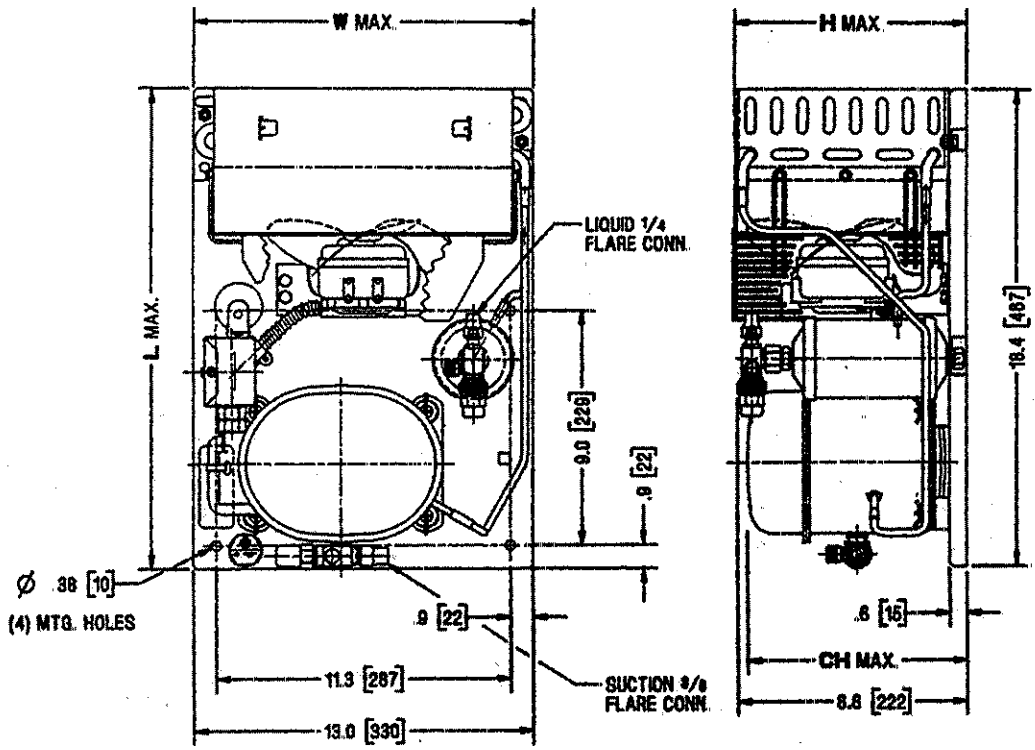
AEA2410AXAXC

# TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

Revision 2003

## MODEL AEA2410AXAXC (B/M 2A499-9) R-12 1/4 HP AIR COOLED




NOTE: DIMENSIONS = INCHES (MILLIMETERS)

| Model | Dimensions | | | | *Line Connection | | Pumpdown 90 ◦ F 90% Full | Air CFM | Oil Chg oz. | Gr. Wt. Lbs. |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | W | H | CH | Suct. | Liq. | | | | |
| AEA2410AXAXC | 19.4 | 13.2 | 9.0 | 8.9 | 3/8 F | 1/4 F | 2.4# | 280 | 13 AB | 56 |

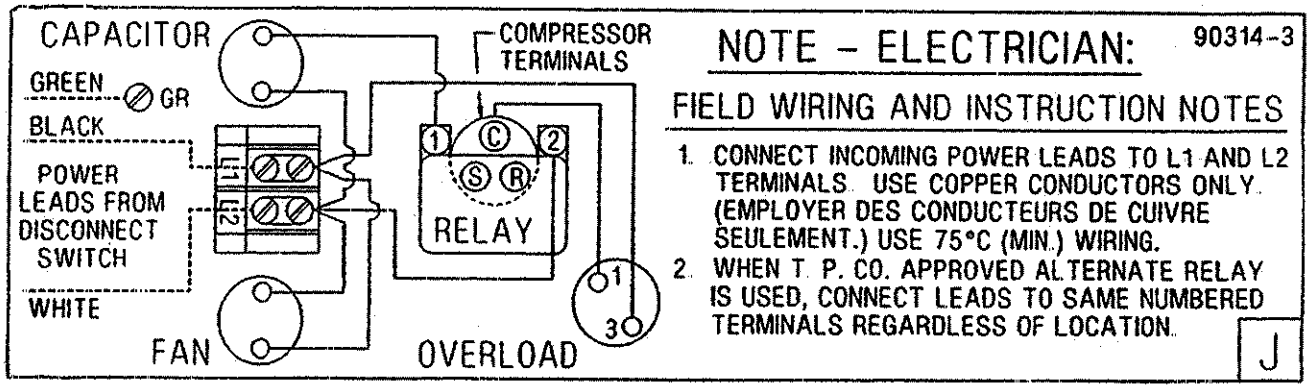
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance

| Approved Evap. Range | | Ambient | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 90◦ F | | | 100◦ F | | | 110◦ F | | |
| ◦F | PSIG | BTUH | Watts | Head | BTUH | Watts | Head | BTUH | Watts | Head |
| -40 | 11.0 | 350 | 240 | 110 | 300 | 230 | 125 | 200 | 220 | 140 |
| -30 | 5.5 | 625 | 270 | 115 | 550 | 265 | 130 | 500 | 260 | 145 |
| -20 | 0.6 | 900 | 320 | 120 | 850 | 315 | 135 | 800 | 310 | 150 |
| -10 | 4.5 | 1250 | 352 | 128 | 1180 | 350 | 144 | 1100 | 350 | 159 |
| 0 | 9.2 | 1600 | 400 | 138 | 1500 | 405 | 154 | 1450 | 405 | 168 |
| +10 | 14.6 | 2000 | 458 | 150 | 1900 | 462 | 165 | 1800 | 470 | 180 |

Date: January 2003
Unit Catalog Update

| **SPECIFICATIONS** | **AEA2410AXAXC** |
|---|---|
| Nominal Voltage | 115-1 |
| Unit B/M | 2A499-9 |
| Voltage Range | 126.5 to 103.5 |
| Min. Circuit Ampacity | 6.1 |
| Max. Fuse Size (Amps) | 15 |
| **Compressor Model** | **AEA2410AXA** |
| Comp. Bill of Material | AE235AT-662 |
| RLA/LRA | 4.5/30.2 |
| ESP Overload | P83458 |
| ESP Relay | P82940 |
| Electrical Box | AE1274-003 |
| Start Capacitor | 85PS110C76 |
| Rating | 243-292MFD/110V |
| Fan Motor (OEM) | 810M006B45 |

| | |
|---|---|
| Fan RLA | .46RLA |
| Replacement Motor | TFM61 |
| Fan Motor Bracket | 57156 |
| Fan Blade | 51561-1 |
| Shroud | 70854 |
| Condenser | 50821 |
| Fan Guard | 70837-2 |
| Receiver Tank | 51080 |
| Receiver Tank Valve | 31584-1 (1/4" F) RL |
| O' Ring Gasket | 30334 |
| Optional Outdoor Enclosure | IP-181D |
| Crankcase Heater (If Inc) | NA |
| Unit Drawing | SU1896-28 |
| Schematic or Elect. Drawing | 90314-3 |




Some parts listed may be optional or listed as replacement parts.